

Serial No. 10/664,081
Docket No. T36-159070M/RS

2

AMENDMENTS TO THE CLAIMS:

Please cancel claim 20 without prejudice or disclaimer, and amend the claims as follows:

1. (Currently Amended) A light-emitting device comprising:
a semiconductor light-emitting element using a substrate surface as a main light-extracting surface; and
a mount frame on which said semiconductor light-emitting element is mounted and which comprises a reflecting portion for reflecting light emitted from said substrate surface, wherein said mount frame comprises a swollen portion formed within said reflecting portion so that a part of said substrate surface is supported by said swollen portion to thereby mount said light-emitting element on said mount frame, said swollen portion comprising a substantially flat top surface to support said substrate surface.
2. (Original) A light-emitting device according to claim 1, wherein said swollen portion is formed so as to be integrated with said mount frame.
3. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion comprises a rotationally symmetric member protruded from nearly the center of a bottom surface of said reflecting portion of said mount frame.
4. (Previously Presented) A light-emitting device according to claim 3, wherein said swollen portion comprises an inclined surface.
5. (Original) A light-emitting device according to claim 1, wherein said swollen portion supports substantially the position of the center of gravity of said substrate surface.
6. (Original) A light-emitting device according to claim 1, wherein said swollen portion supports substantially the position of the center of gravity of a p electrode in said light-emitting element.
7. (Original) A light-emitting device according to claim 1, wherein said swollen portion

Serial No. 10/664,081

3

Docket No. T36-159070M/RS

supports a surface below an n electrode in said light-emitting element.

8. (Original) A light-emitting device according to claim 1, wherein a plurality of bonding wires are connected to a p electrode in said light-emitting element.
9. (Original) A light-emitting device according to claim 1, where said semiconductor light-emitting element comprises a Group III nitride compound semiconductor light-emitting element.
10. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion comprises substantially cross-shaped reinforcing walls.
11. (Previously Presented) A light-emitting device according to claim 1, further comprising:
 - an n electrode formed in a center portion of the light-emitting element; and
 - a p electrode annularly formed around the n electrode.
12. (Previously Presented) A light-emitting device according to claim 1, wherein light released from said substrate is reflected uniformly in all directions by a side surface of said swollen portion.
13. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion is integrally formed with said mount frame.
14. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion comprises a same material as said mount frame.
15. (Previously Presented) A light-emitting device according to claim 1, wherein said mount frame comprises a plurality of swollen portions.
16. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion is formed separately from said mount frame.

Serial No. 10/664,081
Docket No. T36-159070M/RS

4

17. (Previously Presented) A light-emitting device according to claim 16, wherein said swollen portion comprises a metal material having a high thermal conductivity.
18. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion comprises a rotationally symmetric member disposed substantially at a center of said reflecting portion.
19. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion comprises an inclined surface.
20. (Canceled)
21. (Previously Presented) A light-emitting device according to claim 11, wherein said swollen portion is disposed below said n electrode.
22. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion contacts said substrate surface.
23. (Previously Presented) A light-emitting device according to claim 1, wherein said swollen portion has a shape of a truncated cone.
24. (Previously Presented) A light-emitting device according to claim 1, wherein less than an entirety of said substrate surface is supported by said swollen portion.